

Standards Change Request

StdVal Addition - Curating_Node_Id - European Space Agency **SCR 3-1080.v1**

Provenance:

Date: 2006-06-28

Author(s): J. Steven Hughes

Working Group: N/A

Problem:

The PSA/PDS interoperability prototype requires the ingestion of the European Space Agency (ESA) "MEX-M-ASPERA3-2-EDR-NPI-V1.0" data set into the PDS Catalog. There is currently no curating_node_id standard value that indicates a data set in the catalog is being curated by the European Space Agency.

Current Urgency:

A beta version of this prototype is scheduled to be demonstrated by June 30, 2006. The prototype should be operational by July 15, 2006.

Proposed Solution:

Add "European Space Agency" as a standard value for curating_node_id in support of the ingestion of the "MEX-M-ASPERA3-2-EDR-NPI-V1.0" data set. This is a stop-gap solution in support of the PSA/PDS interoperability prototype. This solution will be removed once the interoperability application has been updated to allow query of the PSA data set catalog for ESA data set information.

Impact Assessment:

The addition of the standard value will have little impact on the operational system. Only a single Data Dictionary table needs to be updated.

System Engineering has requested that the "Curating_Node_Id" field label be changed to "Curator" in the PDS Catalog search screen.

Additional Information:

The PSA/PDS interoperability prototype is described in the technical note, “NASA-ESA Planetary Data Interoperability”.

Requested Changes:

- 1) Update standard values table in PSDD database.
- 2) Change “Curating_Node_Id” field label in Data Set search screen to “Curator”.

```
PDS_VERSION_ID = PDS3
LABEL_REVISION_NOTE = "2000-01-02, Steve
Hughes(CN) started; 2006-06-28, Steve Hughes(EN) added ESA
to standard values"
```

```
OBJECT = ELEMENT_DEFINITION
ELEMENT_NAME = "curating_node_id"
BL_NAME = "curatingndid"
DESCRIPTION = "
```

The curating_node_id element provides the id of the node currently maintaining the data set or volume and is responsible for maintaining catalog information."

```
GENERAL_DATA_TYPE = "CHARACTER"
MAXIMUM = "N/A"
MINIMUM = "N/A"
MAXIMUM_LENGTH = "30"
MINIMUM_LENGTH = "N/A"
STANDARD_VALUE_TYPE = "DYNAMIC"
STANDARD_VALUE_SET_DESC =
KEYWORD_DEFAULT_VALUE =
UNIT_ID = "none"
SOURCE_NAME = "PDS/S.Hughes"
FORMATION_RULE_DESC =
OBJECT =
COLUMN_VALUE = ELEMENT_STANDARD_VALUE
COLUMN_VALUE_TYPE =
COLUMN_VALUE_NODE_ID =
OUTPUT_FLAG =
END_OBJECT = ELEMENT_STANDARD_VALUE

OBJECT =
COLUMN_VALUE = ELEMENT_STANDARD_VALUE
COLUMN_VALUE_TYPE =
COLUMN_VALUE_NODE_ID =
OUTPUT_FLAG =
END_OBJECT = ELEMENT_STANDARD_VALUE

OBJECT =
COLUMN_VALUE = ELEMENT_STANDARD_VALUE
COLUMN_VALUE_TYPE =
COLUMN_VALUE_NODE_ID =
OUTPUT_FLAG =
END_OBJECT = ELEMENT_STANDARD_VALUE
```

```
OBJECT
  COLUMN_VALUE
  COLUMN_VALUE_TYPE
  COLUMN_VALUE_NODE_ID
  OUTPUT_FLAG
END_OBJECT
= ELEMENT_STANDARD_VALUE
= "GEOSCIENCE"
= "A"
= "A"
= "Y"
= ELEMENT_STANDARD_VALUE

OBJECT
  COLUMN_VALUE
  COLUMN_VALUE_TYPE
  COLUMN_VALUE_NODE_ID
  OUTPUT_FLAG
END_OBJECT
= ELEMENT_STANDARD_VALUE
= "IMAGING"
= "A"
= "A"
= "Y"
= ELEMENT_STANDARD_VALUE

OBJECT
  COLUMN_VALUE
  COLUMN_VALUE_TYPE
  COLUMN_VALUE_NODE_ID
  OUTPUT_FLAG
END_OBJECT
= ELEMENT_STANDARD_VALUE
= "IMAGING-JPL"
= "A"
= "A"
= "Y"
= ELEMENT_STANDARD_VALUE

OBJECT
  COLUMN_VALUE
  COLUMN_VALUE_TYPE
  COLUMN_VALUE_NODE_ID
  OUTPUT_FLAG
END_OBJECT
= ELEMENT_STANDARD_VALUE
= "N/A"
= "A"
= "A"
= "Y"
= ELEMENT_STANDARD_VALUE

OBJECT
  COLUMN_VALUE
  COLUMN_VALUE_TYPE
  COLUMN_VALUE_NODE_ID
  OUTPUT_FLAG
END_OBJECT
= ELEMENT_STANDARD_VALUE
= "NAIF"
= "A"
= "A"
= "Y"
= ELEMENT_STANDARD_VALUE

OBJECT
  COLUMN_VALUE
  COLUMN_VALUE_TYPE
  COLUMN_VALUE_NODE_ID
  OUTPUT_FLAG
END_OBJECT
= ELEMENT_STANDARD_VALUE
= "NSSDC"
= "A"
= "A"
= "Y"
= ELEMENT_STANDARD_VALUE

OBJECT
  COLUMN_VALUE
= ELEMENT_STANDARD_VALUE
= "PPI-UCLA"
```

```

COLUMN_VALUE_TYPE          = "A"
COLUMN_VALUE_NODE_ID       = "A"
OUTPUT_FLAG                = "Y"
ELEMENT_STANDARD_VALUE     = ELEMENT_STANDARD_VALUE

OBJECT
COLUMN_VALUE               = ELEMENT_STANDARD_VALUE
COLUMN_VALUE_TYPE           = "RAD"
COLUMN_VALUE_NODE_ID        = "A"
OUTPUT_FLAG                  = "Y"
ELEMENT_STANDARD_VALUE      = ELEMENT_STANDARD_VALUE

OBJECT
COLUMN_VALUE               = ELEMENT_STANDARD_VALUE
COLUMN_VALUE_TYPE           = "RINGS"
COLUMN_VALUE_NODE_ID        = "A"
OUTPUT_FLAG                  = "Y"
ELEMENT_STANDARD_VALUE      = ELEMENT_STANDARD_VALUE

OBJECT
COLUMN_VALUE               = ELEMENT_STANDARD_VALUE
COLUMN_VALUE_TYPE           = "RS"
COLUMN_VALUE_NODE_ID        = "A"
OUTPUT_FLAG                  = "Y"
ELEMENT_STANDARD_VALUE      = ELEMENT_STANDARD_VALUE

OBJECT
COLUMN_VALUE               = ELEMENT_STANDARD_VALUE
COLUMN_VALUE_TYPE           = "SBN"
COLUMN_VALUE_NODE_ID        = "A"
OUTPUT_FLAG                  = "Y"
ELEMENT_STANDARD_VALUE      = ELEMENT_STANDARD_VALUE

SYSTEM_CLASSIFICATION_ID    = "DIS"
GENERAL_CLASSIFICATION_TYPE = "SYSTEM"
CHANGE_DATE                 = "2006-06-28"
STATUS_TYPE                  = "APPROVED"
STANDARD_VALUE_OUTPUT_FLAG   = "N"
TEXT_FLAG                     = "N"
TERSE_NAME                   = "curatingndid"
SQL_FORMAT                    = "CHAR(30)"
BL_SQL_FORMAT                 = "CHAR(30)"
DISPLAY_FORMAT                = "JUSTLEFT"
AVAILABLE_VALUE_TYPE          = ""
ELEMENT_DEFINITION            = ELEMENT_DEFINITION

END_OBJECT

```

END